



September DARC Presentation



Our September program will be presented by Bill Krueger, AE5BK, who is our local "antenna guru". Bill frequently presents antenna-related programs to clubs throughout the area. His expertise stems from both study and practical experience. He builds what he designs, tests his creations, and perfects them to provide an efficient but inexpensive antenna. This month, Bill will be presenting a program on "Yagi Antennas and Theory". Again, his experience in this area is vast. Be sure to tie a string on your reminder finger to attend this informative and fun program. See you September 6th.

9/11 Remembered

By Tom General, KE5ICX

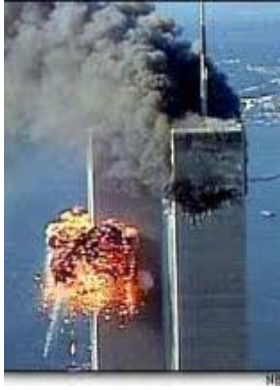


IN THIS ISSUE:

Masthead	1
September Presentation	1
9/11 Remembered	1
Presidents Corner	3
Officers & Directors	6
Treasurer's Report	7
Tom Thumb	7
Did You Know	7
D*Star Update	7
Board Meeting Minutes	8
DARC Upcoming Events	8
A Call for Help – Follow-up	9
September Area Events	10
General Meeting Minutes	10
QRT	11
Special Events Stations for 9/11	11
Classified Ads – Help Wanted	12
Classified Ads – For Sale	13

On September 11th, 2001, four commercial aircraft were hijacked by terrorists and flown into the Twin Towers, Pentagon, and, in a struggle with passengers, a field in Pennsylvania. The final death toll was put at 2819. It forever changed the United States and the world.

For only a few thousand dollars an enemy of the United States could reap millions of dollars in damages while taking thousands of lives.



On the 10th anniversary of this terrible event, we have been fortunate that no new, successful attacks have occurred on American soil. Osama Bin Laden is dead, the terrorist organization al Qaeda is in disarray, and most attacks of various origins, now occur outside the United States. The reason comes from our willingness, as a country, to better protect ourselves and our tenacity to keep it that way.

A recent report states better communication between formerly “rival” organizations, the FBI and CIA have thwarted new plots and identified potentially dangerous people and organizations. Also, Americans have learned to be aware of situations and their surroundings.

Three months after the 9/11 attacks, Richard Reid, attempted to blow up American Airlines Flight 63, using an explosive device concealed in his shoe. Thanks to quick thinking passengers and flight attendants, he was overwhelmed and confined. The flight landed safely in Boston. A post 9-11 disaster was averted. This reaction by passengers became the “new normal”.

Today, we, as individuals, are extra vigilant, and are situationally aware. We are on the lookout for what used to be the unthinkable.

As ham radio operators we do train for the unthinkable, and many amateurs assisted on 9/11. Here is what the late Paul Harvey said in 2003:

“America's Quiet Warriors”

America's quiet warriors are the legion of ham radio operators, 700,000 of them, who are always at ready for backup duty in emergencies - amateur, unpaid, uncelebrated, civilian radio operators, during and after floods and fires and tornadoes. After the 9/11 attacks, hams were indispensable in reuniting friends and families. Most recently it was they who expedited the search for debris after the disaster to the space shuttle Columbia, and right now, at this moment, they are involved in homeland security to a greater degree than you would want me to make public

- Paul Harvey News and Comment, ABC Radio, March 19, 2003

Perhaps you got into amateur radio as a hobby, or perhaps to help your community. In an emergency it becomes your responsibility to help in whatever way you can. Your radio expertise could be helpful in an emergency. You can and should become “situationally aware”. Get to know your local fire department and tell them you have the ability to help with “health and welfare” messages. Leave a card with your phone number. Describe just how you can help.

You may be surprised one day, and be asked to help out in some capacity; either in a community event or, public disaster.





President's Corner

By Tom General, KE5ICX

Well, here we go into what's becoming one of the hottest Texas summers on record there's no shortage of things happening in the U.S. weather wise. As I write this, New York City is being slammed by Hurricane Irene (now a tropical storm) and one can't help but note we live on a very active and changing planet. As anyone who is involved in emergency response are aware of their community activities for disaster and preparedness, it's important to know a few simple facts to keep you "in the safety zone" when disasters strikes.

You may be active in RACES or ARES, listened to the DARC "EmComm 101" net once a month, or tuned into the twice monthly RACES training net on Sunday nights. In any case, it's important to "be prepared" during emergencies. As we transition into our tempestuous fall weather, we can be guaranteed of volatile and potentially dangerous weather in the weeks to come.

We, as radio operators, have several advantages the average citizen doesn't at their finger tips. We all know what that is: our radios.

Whether it be HF, VHF, or UHF, accompanied by the many modes and bands you can use, it's important to know how and when to use those frequencies in an emergency situation. Consider getting your entire family licensed and get each of them a cheap handtalkie (they are down to under \$100 these days). Program each radio with popular repeater pairs in the

area. Insure and test each frequency. Get a radio check so you know you can "get out". Remember to keep the radio charged, and/or provide a battery pack that will take standard size batteries.

I have a Radio Shack HTX-200 which can take 2 AA batteries. I have 8 spare batteries I keep with this unit which should "keep me on the air" for some time. If you don't have this type of radio, you can still pick up a "battery holder" and install the appropriate number of AA batteries which equal your total voltage on your current handtalkie. Many people who work long public service events carry such battery packs so when battery power gets "low" they can simply replace the depleted, disposable batteries with fresh cells. No charging and no downtime are the pluses. While these batteries may not allow full power transmitting as you would from a more powerful rechargeable cell, it will get you on the air at a critical time.

Next decide on a simplex frequency where family members can contact each other and store dry foodstuffs in your home and car. Should a big storm come through, you may need to rely on these items to save your own life! Carry a first aid kit and/or replenish it when items wear out due to heat or age.

Lastly, participate in various public service events to learn how to communicate properly with other hams and to familiarize yourself with your HT's operation. Participate in the local NTS net at 6:30PM on the 146.880MHz DARC repeater. See how well you can copy messages and understand the net control, terms used, and radio procedure. During an emergency you can count on many frequencies to be in use. You may even be called upon to handle some task, or report the condition of some facility or equipment for an emergency net control. Don't think it can't happen. It can and knowing how to execute and report that task could potentially save lives.

Keep this all in mind while watching the clean up on the East Coast continues and think about the potential, future consequences while

tracking the latest hurricane bearing down on the United States. Living in Texas isn't for wimps. We know how quickly the weather can change and we know the consequences of not working safely and responsibly when foul weather hits our area.

Bob Krueger AE5BK to Talk About “Yagi Antennas and Theory”

This is from our Programs Officer Bob DeVance, K5CRX:

“Our September program will be presented by Bill Krueger, AE5BK, who is our local “antenna guru”. Bill frequently presents antenna-related programs to clubs throughout the area. His expertise stems from both study and practical experience. He builds what he designs, tests his creations, and perfects them to provide an efficient but inexpensive antenna.

This month, Bill will be presenting a program on “Yagi Antennas and Theory”.

Again, his experience in this area is vast.

Be sure to tie a string on your reminder finger to attend this informative and fun program. Bill always presents a wealth of good information sprinkled with a few anecdotes to keep it entertaining. See you September 6th.”

Waterfall display – Variation on form of spectrum display in which the horizontal display remains frequency, but time varying samples of signal amplitude, indicated by color cascade down the screen as a function of time.

Voltage regulator – Electrical circuit, often constructed as a single integrated circuit, that accepts a variable voltage input and provides a constant, but lower, voltage output. This allows equipment to operate in a stable manner, in spite of power source variation. For low power systems, the regulator is generally on a single inexpensive integrated circuit (IC).



Leo Laporte on the Air

Some of you may be aware of radio and TV celebrity, Leo Laporte. Sometimes called “The Tech Guy” he's been in the forefront of technology by providing the average Joe with helpful and insightful information on computers since the early 1990's. He first started his tech oriented radio shows in San Francisco and then transitioned to ZDTV/TechTV cable channel. In 1997 Laporte won an Emmy for his work on MSNBC's “The Site” a technology newsmagazine which he was host. After the demise of TechTV in 1997, he created his own IPTV network. The TWIT.TV network offers up 24/7 news and information on computer and technology related programming. Most involved in computers and that technology are well aware of his many forays into technology.



So why bring this all up? Well, just this past month Leo (as he's known to his fans) tested and passed his Technician Class amateur radio license. His vanity call, W6TWT (to reflect his TWIT network), is now an important part of his programs. On weekends, Saturday and Sunday he mentions his new “ham” interests and routinely discusses his recent discoveries in our hobby with his friends Bob Heil K9EID (owner

of Heil Microphones) and Joe Walsh WB6ACU (member of the rock band “The Eagles”).

Not to stop there, Laporte also encouraged Heil to produce a weekly vidcast show, “Ham Nation” which is currently into its 11th episode. Along with Gordon West WB6NOA, they discuss and feature interviews with people in amateur radio, how to shows - such as how to solder, club activities, as well as topics on HF, emergency communications, and other topics.



I think the really great thing about this is Laporte was surprised at the huge support the amateur radio community provided and their willingness to assist him. The TWIT.TV studio boasts a fully operational ham shack with ICOM IC-9100, IC-7800, and IC-7200, SteppIR antenna on the roof, all provided and assembled by dedicated hams from his local community, Petaluma, California. In appreciation he invited hams to an open house at the TWIT studios in August.

Laportes enthusiastic embrace of ham radio can only benefit our hobby and bring some of the elusive computer geek crowd into awareness of our hobby.

Boy Scouts of America (BSA) Speakers Circuit

We've negotiated a joint project between the *Metrocrest Amateur Radio Society (MARS)* and the club to work on a Boy Scouts radio project. Our plans are to jointly involve both clubs in meeting with troops in the Dallas area and talk up amateur radio. I've already asked several people in our club to potentially talk at BSA troop meetings in a “speaker's circuit” introducing the kids to amateur radio.

Currently we have a PowerPoint presentation and potential demonstration which will introduce the kids to the BSA Radio Merit Badge, Jamboree on the Air, The benefits of being a young ham, and how becoming one benefits the community, builds character, and hones leadership and technical skills. Oh - and in case we all forget - how much fun this hobby can be!

The plan is to offer a “mini Field Day” somewhere in the Dallas area (probably coinciding with JOTA, which is October 15th and 16th) for the kids to try out radios, see how antennas are used, and answer any questions they have on the field displays.

If you know of a troop in the area which might be interested in a visit, please contact Tom KE5ICX@yahoo.com. The presentation can go 30 minutes to an hour - depending on if a demonstration is desired.

We'll also need people available during the week (most likely on Mondays). If you are involved in BSA, we could use your help - either at your own event, or assisting us with presentations in September.

BSA Radio Mentoring

In November, in a separate BSA project, we are going to concentrate on a single BSA troop and help them earn their Radio Merit Badge. Dwin WD5WIN has volunteered and will be spearheading this effort. We are looking for people interested in participating. It would be a 3 week project, where Scouts will be introduced to radio operation, how it is used in Skywarn and emergencies, and how they can continue on and get their radio licenses. The three week program consists of three presentations (one presentation at each weekly meeting for three weeks). We'll be looking to radio amateurs who would like to help out for any or all of those meetings in November. There's no need to attend every meeting, but your assistance would be appreciated with organizing content, presentations, and/or assisting demonstrations.

The Dallas Amateur Radio Club, Inc.
PO Box 744266 Dallas, TX 75374

2011 DARC Officers and Directors:

President	Tom General - KE5ICX
Vice-President	Kevin Grantham - N5KRG
Treasurer	Tony Mendina - KE5TGM
Secretary	Larry Melby - KA5TXL
Director (12/2013)	Roger Elkington - KE5YTA
Director (12/2013)	Bill Cahill - AD8BC
Director (12/2011)	James Shugart - N5BKL
Director (12/2011)	Open
Director (12/2012)	Scott Drummond - KE5DKV
Director (12/2012)	Randy Patterson - KE5JIT

The Dallas Amateur Radio Club, Inc., founded in 1914, is an ARRL-affiliated Special Service Club, and is a non-profit, tax-exempt 501(c)3 organization. Your donations to the DARC qualify for tax exemption.

Club meetings are always open to anyone interested in amateur radio. To contact us email: info@w5fc.org.

Our repeater Trustee is Johnny Davis K5JD. Our repeaters are located in the city of Dallas and are available for the use of all licensed amateur radio operators, subject to the repeater guidelines set forth in the official DARC website, w5fc.org.

DARC REPEATERS:

2m	146.880 out	146.280 in	110.0/110.9
1.25m	224.880 out	223.280 in	110.9/110.9
70cm	442.425 out	447.425 in	110.9/110.9

Your letters to the editor or articles for *In the DARC* are welcomed. They may be edited for length or style, and they may or may not be published. The DARC accepts no responsibility for the accuracy of the contents of this newsletter. Reproduction is permitted provided that this newsletter and the original source are credited.

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This newsletter is composed, edited and saved as a PDF file for membership use.

Public Service Events

We have three public service events that we need help with, so please keep these dates open:

American Heart Association Heart Walk, 10 September, Downtown Dallas at American Airlines Center/Victory Park Center.

The non-competitive walk will start at 9:00 a.m. at Victory Plaza/American Airlines Center (2500 Victory Avenue). Heart Walk is a three mile non-competitive event. It starts at Victory Plaza and goes through downtown Dallas, ending at Victory Park.

We will need SAG's, water stops, shadows, and other supporting ham operators in a communications capacity. A HT should be all that is required for this relatively short event.

Juvenile Diabetes Research Foundation Walk (JDRF Walk), 24 September, Downtown Dallas at American Airlines Center.

Life Walk, 2 October, Turtle Creek and Uptown Dallas. Life Walk AIDS Arms Life Walk 2011 is a 3.2 mile fun run/walk through Dallas' scenic Turtle Creek and Uptown. Operators can pull duty as a shadow, water stop, etc., for this non-competitive event. It's an easy event to support and there's plenty to do after the walk is over. Many businesses, large and small, participate with their employees participating in the many fun festivities on this fall Sunday event.

Hope to see you at one or all of our events for September and October.

73,

Tom

T-9 – Best “tone” quality in the **RST** signal reporting system. The **R** means readability on a 1 to 5 scale, the **S** signal strength on a 1 to 9 scale and **T** tone also on a 1 to 9 scale.

The system was initially developed for radiotelegraph, with tone indicating the amount of ac hum on the carrier. T9 means “Perfect tone, no trace of ripple or modulation of any kind.”

Lazy h antenna – Center fed two element horizontal broadside array named for its appearance as the letter H rotated 90 degrees.

Treasurer's Report for 07/2011

Dallas Amateur Radio Club, Inc.,

Treasurer's Report for July 2011

(7/1/2011 through 7/31/2011)

Date Presented: 8/2/2011

Checking:	\$9,657.34
Vanguard (Ann and Whit Griffith Fund):	\$8,648.31
PayPal:	\$ 0.00

Expenses for June 2011:

Repeater Site	\$50.00
AT&T	\$30.21
Field Day Food/Fuel	\$238.12
Field Day Food, Fuel	\$177.78
Total:	\$496.11

Tony Mendina, Treasurer, DARC

Did You Know?

The DARC has items posted on www.w5fc.org for sale?

We have a Voter System in use on our 146.880 repeater? Have you provided us feedback on whether it has helped you in transmission?

We have Public Service events we are soliciting help for September through December?

It is time to once again discuss whether or not the DARC membership would like to have a Christmas party. If so what would you like to do and where would you like to have it? Put your thoughts together and bring it up at the September General meeting – surprise our President with new business.

Tom Thumb Good Neighbor Program Benefits the DARC



Get a Tom Thumb Reward card and designate 4056 as the code for the donation program you want Tom Thumb to donate to. The DARC will receive 1% of your purchase price as a donation from Safeway/Tom Thumb.

The club receives a check quarterly from Safeway for this. Please take the time to sign up for it.

*D*Star Update*

By Randy Patterson, KE5JIT, Special Projects

Be sure and attend our September General Meeting to receive an update on the status of this Joint Venture Project with the City of Dallas Office of Emergency Management.



Earlier this year, as Special Projects leader, I solicited names of people interested in working on this project.

In the very near future, I will set a meeting date – separate from our general meeting – to discuss our needs, requirements, timelines and ongoing responsibilities.

If you are not part of that group and want to be involved, please be sure and speak to me at our meeting, Tuesday, September 6th.

Minutes of the DARC Board Meeting of 02 August 2011

Present

President	Tom - KE5ICX
Vice-President	Kevin - N5KRG
Secretary	Larry - KA5TXL
Treasurer	Tony - KE5TGM
Director (12/2013)	Roger – KE5YTA
Director (12/2013)	Bill – AD8BC
Director (12/2011)	James – N5BKL
Director (12/2011)	Bob – KE5PHX
Director (12/2012)	Scott – KE5DKV
Director (12/2012)	Randy – KE5JIT
Absent	
Director (12/2011)	Bob – KE5PHX
Director (12/2013)	Roger – KE5YTA

The Board met on Tuesday August 2nd at 6:06p.m.

- minutes of the July board meeting were approved
- treasurers report was approved
- Bill AD8BC pointed out the trailers can have ham plates
- Bill also found a local source for metal property tags. Item was tabled for future study
- Voter-link freq is also part of a repeater pair on the other side of Fort Worth, possible solutions are a yagi or another freq
- Trailer tire was fixed for \$10. The \$10 was donated
- A donation to the church in the amount of \$100 was approved
- The state of Texas has denied funds for the D*Star system as they now want an environmental impact study. Randy

KE5JIT will complete paperwork to be submitted by August 12th.

- Building site is still available and should be nailed down in the next week. We are waiting on word that equipment has been ordered
- Tanner play day scheduled for a week from Saturday as an antenna build project at the Carrollton Public Library.
- The Red Hot Chili Pepper Ride 2011 has been canceled due to logistical problems
- Details on upcoming BSA activities coming soon
- Meeting adjourned 6:51pm

DARC Upcoming Events

DARC Tech Net On the Air – 146.880, PL 110.9
Back up frequency 442.425 PL 110.9
Every Saturday 1900 – 2000 hours

DARC Meeting on the Air - Sunday Sept 4
146.88 MHz 7:00 PM - 1st & 3rd Sundays
All hams are welcome to join this get-together.

Dallas RACES Training Net - Sunday Sept 4
146.88 MHz 8:00 PM - 1st & 3rd Sundays
Everyone is invited to listen, but only RACES appointed stations are permitted to participate.

DARC Board Meeting - Tuesday Sept 6
Brookhaven Church Business 6:00 PM
DARC board meetings are open to anyone who wishes to attend, visit, and observe.

DARC Club Meeting - Tuesday Sept 6
Burger House (Informal Meet Up) Dinner 6:00 PM
Brookhaven Church Business 7:00 PM

DARC EmComm Net – Non-denominational
Emergency Preparedness Discussion. Saturday
evening at 8:00 PM after DARC 1st Tuesday
meeting on 146.880, PL 110.9

NTS DFW Early Traffic Net - Every Day
146.88 MHz 6:30 PM - every evening
All hams are invited to this traffic and training net.

A Call for Help - Follow-up

Editor Note: Last month we printed a call for help from someone who had sent the DARC a request for help. Below is the follow-up from our own member Mike Yancey KM5Z

Mr. Thomas contacted the club last month to see if he could find out some information about a Shortwave Listening (SWL) setup. He wasn't interested in being a ham or getting his license. He was merely looking for 'something to do to keep his mind active'.

When I heard 'SWL', I offered to give him a nice old Hallicrafters S-38E that I'd refurbished a while back. Someone had given me ANOTHER, unrefurbished S-38E and one had to go before the other could get started. In the evening hours at home, the S-38E was receiving everything between 5 MHz and 7.5 MHz on AM shortwave and I'd even tuned up 6 CW QSOs on 40m – all with a 10-foot wire, the far end of which was suspended from a curtain rod.

In addition, I'd picked up a 3 MHz broadcast station, some garbled 11-meter traffic on 27 MHz, and WWV on 10 MHz. The old boat-anchor was hot! ...and I don't just mean from the 5 miniature tubes.

I brought the radio over and set it up, along with some spare wire to dangle from his retirement community apartment window blinds (No outside Antennas!)

Turns out he had had a long and distinguished career in government service as a RTTY and CW operator, and was principally interested in re-familiarizing himself with CW.

We finally wound up stringing about 30 feet of wire around the window and behind the desk. This was during the day (poor SW reception) so I waited for his 'after hours' report. Sadly, several factors worked against the old boat anchor:

1. The apartment was on the ground floor, with two more floors above.
2. NO OUTSIDE ANTENNAS!
3. A metal carport outside possibly was interfering or reflecting or acting as a shield.

Curses! Well, he wasn't transmitting - just wanted to practice copying CW.

I realigned the receiver and set it up again - only a couple of tropical Spanish-speaking stations could be received after dark.

Finally I came to an alternative solution! He'd initially indicated SWL was a goal, but later pointed out that CW was his real interest. We needed a clean signal source. I turned to the Internet: <http://www.websdr.org> - This website links to around 24 different servers, worldwide, with from one to 4 bands of radio traffic. It works off of streaming, but what does it stream? Each WebSDR server is a software-defined radio and each streams around 200 kHz or more of bandwidth - continuously.

At the servers end: a Software Defined Radio, like a SoftRock kit, feeding a 200 kHz-wide stream.

At the receiver or web-page end: You, and a Java Applet, decoding only which part of the stream you wish to hear. You can even select your bandwidth manually, by dragging the edge of your band-marker wider or narrower.

Your listening choices are not affected by others listening on the same stream - any more than your listening to a web-streamed FM station is affected if some other listener lowers their volume control.

After his PC guru got Java installed on his older model PC, he was up and running.

I know - it ain't real radio. Or is it?

There is, after all, a genuine radio receiver at the server-end of that internet connection.

Mr. Thomas is copying CW - from several

receivers around the globe. I think its real-radio enough.

So now, he also has the Hallicrafters S-38E for general SWL, should his antenna or location change or as receive conditions improve over the solar cycle. Its real-radio - with warm, tubey-goodness, served up through a metal cabinet, a 5-inch speaker and a real, incandescent lamp lighting its dial.

Mike Y KM5Z

Editor Note: Mike thank you for taking from your schedule, stepping up and giving of your time and equipment to help.

September Area Events

We have scanned WebPages from our sister Ham Clubs to compile this list. Should you wish to add to this month, send an email to ke5jit@yahoo.com

- **09/05 – Monday** – Labor Day
- **09/06 – Tuesday** – DARC Monthly Club Meeting – Brookhaven Church – 13000 Marsh Lane – Dallas – Board Mtg. 1800 hours; General Mtg. 1900 hours
- **09/10 – Saturday** – MARS Play Day
- **09/10 – Saturday - Heart Walk** – Downtown Dallas – see Help Wanted
- **09/16-18 Plano Balloon Festival** – see Help Wanted
- **09/17 – Saturday – Highland Village** – See Help Wanted
- **09/24 – Saturday – Juvenile Diabetes Walk** – See Help Wanted
- **09/25 – Sunday** – IARC Monthly Club Fox Hunt – 1:30 p.m.
- **10/02 – Life Walk** – See Help Wanted
- **Weekly – Saturday** – TECH NET – DARC – 146.880, PL 110.9 – 1900 – 2000 hours. Back-up repeater 442.425, PL 110.9
- **Weekly – Monday – 2000** – DCARA – Except 4th Monday. Information/Training Net – Freq. 146.920 PL 110.9
- **Weekly – Wednesday** – 0830 – IARC – The Breakfast Club – McDonald's, 2410 N Story Rd, Irving (Between 183 & Rochelle)
- **Weekly – Thursday** – 11:00 a.m. - Crony

Lunch – Garland ARC –Furr's Cafeteria – 350 S Plano Rd. – Richardson

- **Weekly – Saturday** – 0700 – 1000 hours – MARS – Hams & Eggs – What-A Burger – NE Corner of Old Denton & The Bush

Minutes of the DARC Regular Club Meeting of 02 August 2011

The club met on Tuesday August 2nd at 7:10pm, the following officers and board members were present.

President Tom General	KC5ICX
Vice – President Kevin Grantham	N5KRG
Secretary Larry Melby	KA5TXL
Treasurer Tony Medina	KE5TGM
Director (12/2011) James Shugart	N5BKL
Director (12/2012) Scott Drummond	KE5DKV
Director (12/2012) Randy Patterson	KE5JIT
Director (12/2013) Bill Cahill	AD8BC
Director (12/2013) Roger Elkington	KE5YTA

Absent were:

Director (12/2011) Bob Kelly KE5PHX

- The Pledge of Allegiance was recited
- The following visitors were recognized
 - a) Keith Paris WB5RBA
 - b) Brian Cooney KF5LWE
 - c) Joe Dillard KF5JUQ (grandson)
 - d) Linda Tuma KF5JUO (grandmother)
 - e) John Galvin N5TIM (tonight's speaker)
 - f) Kirk Wall
- The program was APRS presented by John Galvin N5TIM
- The Plano ARK is looking for help with the Plano Balloon Festival next month
- July minutes were approved
- Treasurers report was approved
- John KF5IOU announce a CERT mobility drill the end of August/September
- The following were voted in as members of the club
 - a) Linda Tuma KF5JUO
 - b) Joe Dillard KF5JUQ

- c) Daniel Smith KE5PYU
- d) Stephen Polanski (EN: Where is call sign?)
- e) Brian Cooney KF5LWE
- D-Star system funding was rejected by the state as they now want an environmental impact study. Additional paperwork was due by August 12th. We have a repeater pair for the UHF repeater, and the repeater site should be under contract in the next few weeks.
- Bill is looking for a foundation grant for the 2 meter D-Star Repeater to tie in with the rest of the D-Star System.
- Andy announced that the Red Hot Chili Pepper Ride was cancelled for 2011 as there were last minute logistical problems that caused the cancelation.
- Bob Peters W1PE (SK) - Long time ham and former club member Bob Peters W1PE became a silent key recently following an accident and extended hospital stay.
- The upcoming speaker's circuit will start working with local BSA troops soon.
- There is ongoing planning to work with 1 BSA troop to get their radio merit badge in November
- Next play day will be with MARS at the Keller Springs Library on Saturday, Aug 13th.
- We are waiting for a callback from the DPD about volunteering possibilities
- Next Public Service event is the Heart Walk Sept 10th
- The meeting adjourned at 9:29 pm

QRT

Which of the following is most important when adjusting PSK31 transmitting levels?

- A. Power output
- B. PA current
- C. ALC level
- D. SWR

Answer: C

The PSK31 mode is exciting to tune in at 14.070 MHz or 7.070MHz. Just listen to the whistle, get your computer on to the PSK31 waterfalls, and watch the message read out. Every so often, you'll notice a computer waterfall signature that looks extra wide, and with multiple sidebands – a common occurrence in the presence of excessive drive. Likely, the **ALC (automatic limiter control)** readout on the transmitter is going into the red – time to immediately decrease drive level either at the transmitter, or at the software in the computer. Keep drive levels down and output power down and you will have a great PSK signal on the air.

Special Event Stations Mark Tenth Anniversary of 9/11

Note: Reprint from ARRL Website

In remembrance of those who died in the terrorist attacks that occurred on September 11, 2001, several Amateur Radio Special Event Stations are being planned.

- The Pentagon Amateur Radio Club, K4AF, will be on the air 7 AM-9 PM Saturday, September 10 (1100-0100 UTC, Saturday, September 10 through Sunday, September 11). Active operating frequencies will be posted during event on the [K4AF website](#). This Special Event is to honor all those lost on September 11, 2001, with special remembrance of the 184 people who lost their lives at the Pentagon and on board American Airlines Flight 77.
- The Blair Amateur Radio Society, W3PN, will be operating N3U/FLT93 from September 8-15 in memoriam of United Flight 93 that crashed near Shanksville, Pennsylvania. This year's activity will take place during tenth anniversary and the Memorial Dedication for the Victims of United Flight 93. To receive a QSL card, please send a self-addressed, stamped envelope to Blair Amateur Radio Society, W3PN, 112 E Wopsononock Ave, Altoona, PA 16601.

- The Northeast Wireless Radio Club, N2WC, will be on the air Sunday, September 11 from 12 noon until 6 PM EDT (1700-2300 UTC). NWRC members will be operating in the General class bands on Phone, CW and Digital; please check the clusters for frequency updates. You can receive a Special Event QSL card when you send a \$2 donation to Northeast Wireless Radio Club, 213-37 39th Avenue, Suite 175, Bayside, NY 11361.
- The Kings County Repeater Association, KC2RA, will be on the air 9 AM-5 PM EDT (1300-2100 UTC) on Saturday, September 10. Look for KC2RA on 7.250 and 14.295 MHz, as well as Echolink node 132967 (KC2LEB-R) and the KC2RA repeater at 146.430 (CTCSS 136.5). KC2RA members will be offering a special QSL card for the event. To receive a card, please send a self-addressed, stamped envelope to KC2RA 9/11 Memorial Event, PO Box 280288, Brooklyn, NY 11228-0288.
- The Symbol Technologies Amateur Radio Club, W2SBL, will be on the air September 10-11 on the following frequencies: 3.911, 7.240, 14.070 and 50.135 MHz, as well as D-STAR REF10C. STARC members will read the name of a person killed in the attacks with every QSO. A Special Event QSL card is available when you send a self-addressed, stamped envelope to Symbol Technologies Amateur Radio Club, W2SBL, One Motorola Plaza, B-13, Holtsville, NY 11742.

The dates, times and frequencies of these Special Event Stations are listed as they were reported to the ARRL, and as such are subject to change. This list will be updated as more Special Event Stations notify ARRL HQ of their plans. We recommend that you check the ARRL website periodically for any additions. For a listing of all Special Event Stations, please see the [ARRL Special Event Stations web page](#).

Classified Ads - Help Wanted

- **2011_09_06** – Andy Parcel is attending DARC meeting and inviting a new ham who has a Wouxun radio. Would like someone who has software; please bring and program radio for this new ham.
- **2011_09_10** - Heart Walk, Downtown Dallas at American Airlines Center. Volunteers are needed from 6:15 am till noon. You'll have free parking and will walk to your assignment. Please contact andy@ap-testing.com, if you can assist.
- **2011_09_16-18** Plano Balloon Festival 16 - 18 September 2011. Greetings fellow radio operators. Once again we welcome your support for the 2011 Plano Balloon Festival. Please mark your calendars and save the dates: 16 - 18 September. Many operators will be needed to fill Field and Recovery operations. For example we need 15 to 25 two man recovery teams and 12 to 15 individuals to help provide safety on the launch field for each of the 6 launches. That is a lot of people needed. So any help for any launch will be appreciated. Information, training materials and a sign up link is provided at: <http://www.w5adc.com/PBF/PBF.html> After sign-up, you will receive a confirmation email within a day or so with more information regarding event information, participant responsibilities and expectations. CRF Functions S, M, DA, and DT will be utilized: <http://garlandr.s412.sureserver.com/CRF%20Info/CRF%20Guide-Rev%20G1.pdf> APRS is used extensively for recovery operations. We thank the hams and area clubs that have supported us for over 20 years and encourage others to join us. Direct inquiries can be made to Bruce Dingman-N5BYL at n5byl1@verizon.net
- **2011_09_17** - I need help: Attention Ham Operators: Highland Village Police Bike Rodeo, Sept. 17, 2011 from 8 AM to

Noon. We will provide communications along the off street bike trail. Contact me ASAP at 214-244-2100 or kb5nft@gmail.com..

- **2011_09_24** - Juvenile Diabetes Walk, Downtown Dallas at American Airlines Center. The Dallas club is helping Carrollton ARES with this event. Please contact andy@ap-testing.com, if you can assist.
- **2011_10_02** – Yes, this is a Sunday event. LifeWalk, Turtle Creek and Uptown Dallas. To help you'll only need a HT with a spare set of batteries. Please contact andy@ap-testing.com, if you can assist.

Classified Ads - For Sale

First, the rules:

- These items offered to DARC members first and then to public.
- Item are offered at a reduced price for the benefit of DARC members and are not intended to be purchased and resold.
- Items are sold to the *person who first delivers* the money. No reservations.

Should you want an item, contact Randy (KE5JIT@arrl.net) or James (N5BKL@arrl.net) to verify the item is still available and they will set a time for you to pick up.

Items are not considered sold until 1) money is received and 2) item is picked up.

- Power Supply, Battery Unit, Uninterruptible - No bat APC Smart UPS 2000 \$20.00
- Power Supply, Battery Unit, Uninterruptible-No bat APC Smart UPS 2000 \$20.00
- Power Supply, Uninterruptible - No Bat APC Smart UPS 2000 \$20.00
- [Astron PS - RS 35M 13.8 VDC](#) Aston RS-35M \$75.00
- [Pyramid Phase III by tenna Precision Reg PS 13.8 V 10 AMP](#) Precision PS 12 \$25.00

- [Pyramid Phase III by Tenna Regulated Power Supply Model: PS-50](#) \$35.00
- Kenwood PS PS-50 - DC 16 AMP
Kenwood PS-50 \$125.00
- [Astron PS - RS50A - 50 AMP](#) with manual
Aston RS50A \$150.00
- Kenwood Dual Band TM-733 with Manual
Kenwood TM-733 \$225.00
- [Radio Shack 5a5 - Speaker](#) - 8 ohms/5watts
Radio Shack 21549A \$5.00 69
- [3 Main bus fuses with fiberglass mount for two](#) \$10.00
- [3 Speakers - heavy metal enclosure](#) - 8 om, 3W Realistic \$10.00
- [Liberator Power Supply](#) Output V13.5-19.5 I 0-20 \$30.00
- Tripp Lite Model SB-1000 Standby Power Supply DC to AC Inverter 1000 Watts \$100.00
- [Astron RS35A Power Supply](#) Aston RS35A \$75.00
- RG-59U – 15 Ft. \$2.00
- Uniden Transformer 500 ma \$2.00
- Hustler Resonator RM-40 \$25.00
- Base mount for Hustler \$30.00
- Dual band 2/440 base loaded (2) \$35.00
- Hustler tips (2) – unknown \$15.00
- Larson Special Antenna 440? \$25.00
- Rotor Control – Archer 15 1225B \$30.00
- Multimeter – World War II AN/PSM-6B \$20.00
- Dual Halogen lights with stand – working lights \$20.00
- Construction work light Model 545000 – Broken lens on one light \$15.00
- 30 Meter Hustler Resonator \$25.00
- Power Supply Heath SBA – 1400-4 \$25.00
- Icom 728 \$400.00
- Heath SWR Meter \$35.00
- VHF Base & Repeater Station /w manual Motorola – MSR2000 \$150.00
....and more to come.....

Let's make a deal! Contact James or Randy. We could bring to DARC meeting for pick up.